Changed a file from non-ASCII to ASCII  Changed the margins in cases where the sequence text was "wrapped" down to the next line.  Edited a format error in the Current Application Data section, specifically:  Edited a format error in the Current Application Data section, specifically:  Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or the prior application Data.  Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically:  Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:  Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:  Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.  Inserted colons after headings/subheadings. Headings edited included:  Deleted extra, invalid, headings used by an applicant, specifically:  Set Lumer. In 4307, Occ ANISM: In Action of the same line as each subheading. If the applicant place are the addings used by an applicant, specifically:  Corrected an obvious error in the response, specifically:  Corrected an obvious error in the response, specifically:  Corrected an obvious error in the response, specifically:  Edited identifiers where upper case is used but lower case is required, or vice versa.  Corrected an error in the Number of Sequences field, specifically:  Edited ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected:  Cother of the section of the sequences and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected:		CRF Error Corrected by the STIC Syst ma Branch
Changed the margins in cases where the sequence text was "wrapped" down to the next line.  Edited a format error in the Current Application Data section, specifically:  Edited the Current Application Data section with the actual current number. The number inputted by the applicant was   the prior application data; or   other    Added the mandatory heading and subheadings for "Current'Application Data".  Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.  Changed the spelling of a mandatory field (the headings or subheadings), specifically:  Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:  Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:  Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.  Inserted colons after headings/subheadings. Headings edited included:  Deleted extra, invalid, headings used by an applicant, specifically:  "Set Turrect." In 4707, OK6AMISM:" In 4237 of Seq. 1 2  Deleted:   non-ASCII 'garbage' at the beginning/end of files;   secretary initials/filename at end of files applicant phase throughout text;   other invalid text, such as    Inserted mandatory headings, specifically:  Corrected an obvious error in the response, specifically:  Edited identifiers where upper case is used but lower case is required, or vice versa.  Corrected an error in the Number of Sequences field, specifically:  A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.  Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected:  Cother of the maximum proper in the page and the page and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected:	lal N	lumber: 10 (08), 66 (B) Edited by:
Edited a format error in the Current Application Data section, specifically:  Edited the Current Application Data section with the actual current number. The number inputted by the applicant was   the prior application data; or   other    Added the mandatory heading and subheadings for "Current'Application Data".  Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically:  Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:  Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:  Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.  Inserted colons after headings/subheadings. Headings edited included:  Deleted extra, invalid, headings used by an applicant, specifically:  Set turner. In AGO7, OEGANISIT: In AGO3 of Seq. 1 12  Deleted: non-ASCII garbage" at the beginning/end of files; secretary initials/filename at end of files page numbers throughout text; other invalid text, such as Inserted mandatory headings, specifically:  Corrected an obvious error in the response, specifically:  Edited identifiers where upper case is used but lower case is required, or vice versa.  Corrected an error in the Number of Sequences field, specifically:  A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.  Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected:		Changed a file from non-ASCII to ASCII Verified by: Verified by: (STIC sta
Edited the Current Application Data section with the actual current number. The number inputted by the applicant was   the prior application data; or   other    Added the mandatory heading and subheadings for "Current'Application Data".  Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically:  Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:  Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:  Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.  Inserted colons after headings/subheadings. Headings edited included:  Deleted extra, invalid, headings used by an applicant, specifically:  Settumer:  Not Aport 026 ANISm:  Not 2137 of Seq. 1 2  Deleted:  non-ASCII "garbage" at the beginning/end of files:  Inserted mandatory headings, specifically:  Corrected an obvious error in the response, specifically:  Corrected an obvious error in the response, specifically:  Edited identifiers where upper case is used but lower case is required, or vice versa.  Corrected an error in the Number of Sequences field, specifically:  A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.  Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected:  Others:		
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Deleted extra, invalid, headings used by an applicant, specifically:  "Set turner," in 4707, "Or6ANI3M:" in 2137 of Seq. 1 2  Deleted: non-ASCII garbage" at the beginning/end of files: secretary initials/filename at end of file page numbers throughout text; of the rinvalid text, such as Inserted mandatory headings, specifically:  Corrected an obvious error in the response, specifically:  Edited identifiers where upper case is used but lower case is required, or vice versa.  Corrected an error in the Number of Sequences field, specifically:  A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.  Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected:		
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Corrected an obvious error in the response, specifically:  Edited identifiers where upper case is used but lower case is required, or vice versa.  Corrected an error in the Number of Sequences field, specifically:  A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.  Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected:		Deleted:   non-ASCII "garbage" at the beginning/end of files:   secretary initials/filename at end of file  page numbers throughout text;  other invalid text, such as
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Corrected an error in the Number of Sequences field, specifically:  A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.  Deleted endIng stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected:		Corrected an obvious error in the response, specifically:
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due to a Patentin bug). Sequences corrected:	-	A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
Other: Parks and survey and the St. 7		
He-oxighed omino numbering in seq. 7		Other: Re-shigned swime numbering in Seq. 7
	-	

<sup>\*</sup>Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



OIPE

### RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/083,861B

DATE: 01/07/2003 TIME: 10:46:34

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\01072003\J083861B .raw

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3 <110> APPLICANT: Mahato, Ram I.
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           Han, Sang-Oh
     5
             Fergeson, Darin Y.
     7 <120> TITLE OF INVENTION: A Novel Cationic Lipopolymer as a Biocompatible Gene
Delivery Agent
     9 <130> FILE REFERENCE: T8948.CIP
     11 <140> CURRENT APPLICATION NUMBER: US 10/083,861B
    13 <141> CURRENT FILING DATE: 2002-02-25
    15 <150> PRIOR APPLICATION NUMBER: US 09/662.511
    16 <151> PRIOR FILING DATE: 2000-09-14
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### RAW SEQUENCE LISTING

DATE: 01/07/2003 PATENT APPLICATION: US/10/083,861B TIME: 10:46:34

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\01072003\J083861B .raw

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    107 <400> SEQUENCE: 7
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109 1

VERIFICATION SUMMARYDATE: 01/07/2003PATENT APPLICATION: US/10/083,861BDATE: 01/07/2003TIME: 10:46:35

Input Set : A:\PTO.DC.txt Output Set: N:\CRF4\01072003\J083861B .raw

L:101 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7



# Does Not Comply Corrected Diskette Needed

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/083,861B

DATE: 01/07/2003 TIME: 10:17:51

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Output Set: N:\CRF4\01072003\J083861B.raw

- 3 <110> APPLICANT: Mahato, Ram I.
- Han, Sang-Oh
- Fergeson, Darin Y.
- 7 <120> TITLE OF INVENTION: A Novel Cationic Lipopolymer as a Biocompatible Gene Delivery Agent
  - 9 <130> FILE REFERENCE: T8948.CIP
    - 11 <140> CURRENT APPLICATION NUMBER: US 10/083,861B
    - 13 <141> CURRENT FILING DATE: 2002-02-25
    - 15 <150> PRIOR APPLICATION NUMBER: US 09/662,511
    - 16 <151> PRIOR FILING DATE: 2000-09-14
    - 18 <160> NUMBER OF SEQ ID NOS: 7
    - 20 <170> SOFTWARE: WordPerfect 8.0

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- 98 <210> SEQ ID NO: 7
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  - 107 <400> SEQUENCE: 7
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- E--> 109 1

VERIFICATION SUMMARY

DATE: 01/07/2003

PATENT APPLICATION: US/10/083,861B TIME: 10:17:52

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\01072003\J083861B.raw

L:101 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7

L:109 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:7

## SEQUENCE LISTING

Dose Not Comply

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<120>	A Novel Cationic Lipopolymer as a Biocompatible Gene	Delivery Agent
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